CLAIMS

What is claimed is:

1 1.   A method of providing streaming content from the Internet to a telephone using a

2 computer system, the computer system including a telephone interface system coupled in

3 communications with an Internet access system, the telephone interface system being

4 coupled in communications with the telephone, the method comprising:

5   receiving an Internet access request, the Internet access request corresponding to

6   an Internet site outside of the computer system;

7   receiving the streaming content from the Internet site, the streaming content

8   including an audio portion; and

9   sending at least the audio portion of the streaming content over the telephone

10   interface system to send an audio signal, corresponding to the audio portion, to

11   the telephone.

2.   The method of claim 1, wherein the receiving the Internet access request comprises

2 receiving a verbal request to access the Internet site and performing voice recognition on

3 the verbal request to determine the Internet access request.

1 3.   The method of claim 1, wherein the receiving the Internet access request comprises

2 receiving a series of one or more touch tone signals and decoding the series of one or more

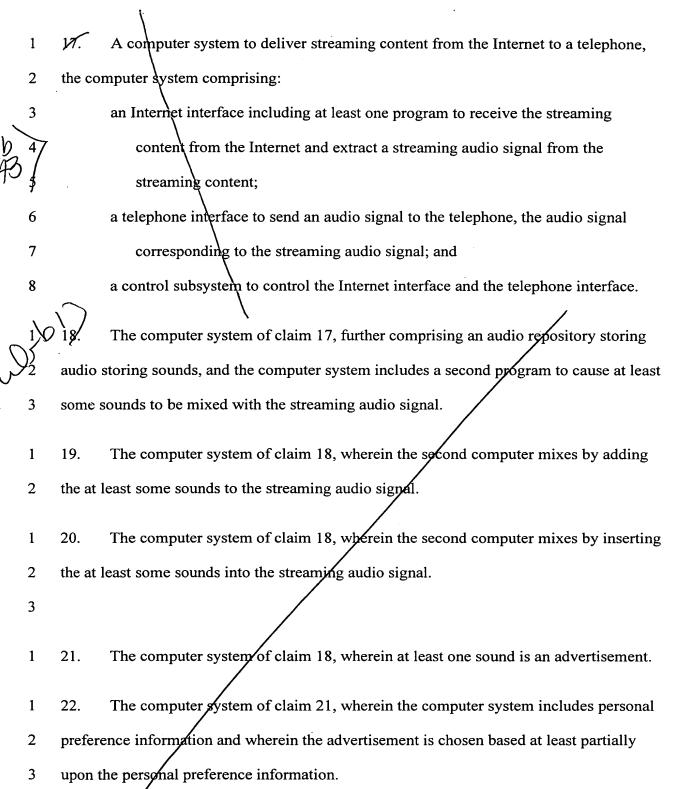3 touch tone signals to determine the Internet access request.

1   4.   The method of claim 1, further comprising providing a menu corresponding to

2   accessible Internet sites, and wherein the receiving the Internet access request corresponds

3   to receiving a selection from the menu.

1   5.   The method of claim 1, further comprising determining the type of streaming

2   content and converting the corresponding type of streaming content into an audio portion.

1   6.   The method of claim 1, wherein the Internet access system includes a web server,

2   wherein the web server connects to the Internet site to receive the streaming content.

1   7.   The method of claim 1, wherein the streaming content is received as packet data

2   from a packet switched network and wherein the telephone interface system communicates

3   the audio signal to the Public Switched Telephone Network.

1   8.   The method of claim 1, wherein the Internet access request is translated into a URI.

1   9.   The method of claim 1, wherein the computer system includes personalized

2   content information and wherein the Internet access request is generated from the

3   personalized content information.

1   10.   The method of claim 1, wherein the computer system further comprises a local

2   streaming content system, the local streaming content system including a second

3   streaming content, the second streaming content including at least a second audio portion,

4   and wherein the method further comprises accessing the local streaming content system to

5   provide a second audio signal corresponding to the second audio portion to the telephone.

1   11.   The method of claim 10, further comprising mixing the audio portion with the

2   second audio portion and wherein the audio signal corresponds to the mix.

1   12.   The method of claim 10, wherein the computer system further comprises an audio

2   repository, wherein the method further comprises accessing the audio content from the

3   repository to provide to the telephone, and mixing the audio portion with the second audio

4   portion and the audio content.

1   13.   The method of claim 1, wherein the computer system further comprises an audio

2   repository and wherein the method further comprises accessing the audio content from the

3   repository to provide to the telephone.

1   14.   The method of claim 1, further comprising receiving a command, the command

2   corresponding to a request by the telephone user to adjust the sending of the audio portion,

3   and adjusting the sending of the audio portion.

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1   15.   The method of claim 13, wherein the command corresponds to a pause command,

2   and wherein the sending the audio portion is paused and wherein a pause command is sent

3   out to the Internet site.

1   16.   The method of claim 1, wherein the command corresponds to a pause command,

2   and wherein the sending the audio portion is paused and wherein at least the audio portion

3   of the streaming content is cached during the pause.

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1   17.   A computer system to deliver streaming content from the Internet to a telephone,

2   the computer system comprising:

3   an Internet interface including at least one program to receive the streaming

4   content from the Internet and extract a streaming audio signal from the

5   streaming content;

6   a telephone interface to send an audio signal to the telephone, the audio signal

7   corresponding to the streaming audio signal; and

8   a control subsystem to control the Internet interface and the telephone interface.

1   18.   The computer system of claim 17, further comprising an audio repository storing

2   audio storing sounds, and the computer system includes a second program to cause at least

3   some sounds to be mixed with the streaming audio signal.

1   19.   The computer system of claim 18, wherein the second computer mixes by adding

2   the at least some sounds to the streaming audio signal.

1   20.   The computer system of claim 18, wherein the second computer mixes by inserting

2   the at least some sounds into the streaming audio signal.

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1   21.   The computer system of claim 18, wherein at least one sound is an advertisement.

1   22.   The computer system of claim 21, wherein the computer system includes personal

2   preference information and wherein the advertisement is chosen based at least partially

3   upon the personal preference information.

1 23. The computer system of claim 18, wherein at least one sound is a system prompt.

1 24. The computer system of claim 17, wherein the telephone interface subsystem
2 includes a call manager, the call manager supporting multiple simultaneous telephone calls
3 over the telephone interface, at least one of the simultaneous telephone calls receiving the
4 streaming audio signal.
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1 25. A computer system delivering streaming content to a telephone, the streaming
2 content being received from a Internet streaming content server, the computer system
3 comprising:
4   means for receiving an Internet access request, the Internet access request
5   corresponding to an Internet site outside of the computer system;
6   means for receiving the streaming content from the Internet streaming content
7   server, the streaming content including an audio portion; and
8   means for sending at least the audio portion of the streaming to the telephone.